VoyagerTouch 60™
VoyagerTouch 125H™
VoyagerTouch 300™

Video and touch system

Installation and Operation Manual vers. 1.0

LIMITED WARRANTY

Daxten warrants the VoyagerTouch™ to be in good working order for one year from the date of purchase from Daxten or an authorised dealer. Should this product fail to be in good working order at any time during this one year warranty period, Daxten will, at its option, repair or replace the Unit as set forth below. Repair parts and replacement units will be either reconditioned or new. All replaced parts become the property of Daxten. This limited warranty does not include service to repair damage to the Unit resulting from accident, disaster, abuse, or unauthorised modification of the Unit, including static discharge and power surges.

Limited Warranty service may be obtained by delivering this unit during the one year warranty period to Daxten or an authorised repair centre providing a proof of purchase date. If this Unit is delivered by mail, you agree to insure the Unit or assume the risk of loss or damage in transit, to prepay shipping charges to the warranty service location, and to use the original shipping container or its equivalent. You must call for a retum authorisation number first. Under no circumstances will a unit be accepted without a return authorisation number. Contact an authorised repair centre or Daxten for further information

ALL EXPRESS AND IMPLIED WARRANTIES FOR THIS PRODUCT INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO A PERIOD OF ONE YEAR FROM THE DATE OF PURCHASE, AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THIS PERIOD. SOME COUNTRIES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

IF THIS PRODUCT IS NOT IN GOOD WORKING ORDER AS WARRANTED ABOVE, YOUR SOLE REMEDY SHALL BE REPLACEMENT OR REPAIR AS PROVIDED ABOVE. IN NO EVENT WILL DAXTEN BE LIABLE TO YOU FOR ANY DAMAGES INCLUDING ANY LOST PROFITS, LOST SAVINGS OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF OR THE INABILITY TO USE SUCH PRODUCT, EVEN IF DAXTEN OR AN AUTHORISED DEALER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, OR FOR ANY CLAIM BY ANY OTHER PARTY.

NOTE: This equipment complies with the requirements of European EMC directive 89/336 EEC in respect of EN55022 Class B, EN 50082-1 and EN 60555-2.
This equipment has been found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

© Copyright 2003. All rights reserved.

No part of this manual may be reproduced, stored in a retrieval system, or transcribed in any form or any means, electronic or mechanical, including photocopying and recording, without the prior written permission of Daxten.

Printed in Denmark Revision 1.0 Manual Part No: 1034-21Tman

INTRODUCTION

Thank you for choosing the Voyager Touch ™ system, designed for remote operation of computers over long distances via CAT 5 cables.
By choosing the VoyagerTouch, you have assured that your installation is equipped for the ever-increasing demands made in a modern computer-based information environment.

The Voyager touch system allows one computer to transmit a monitor image and receive serial touch signals from a touchscreen.

Features

The Voyager Touch local unit connects directly to the computer
Different remote end units can be used:

- VoyagerTouch 60 Remote for up to 60 m distance
- VoyagerTouch 60PCB Remote for up to 60 m distance for building in monitors
- VoyagerTouch 125H Remote for up to 125m distance
- VoyagerTouch 300 Remote for up to 300 m distance
- Up to 300 meters in one line without repeater
- For distances up to 1200 m a video repeater and a video-delayline compensator might be necessary.

Operation

The Voyager touch is simple to operate, no need for driver or software installation.

Compatibility

This product has been tested with a wide variety of Touch panels and LCD monitors. However, it is impossible to guarantee correct operation with every monitor currently on the market.

The VoyagerTouch is compatible with the following equipment:

- **Monitor:** VGA, SVGA, XGA, SXGA, UXGA
- **Computers:** all computers using a HD-15 VGA output and standard VGA signals
- RGB and two sync signals H/V
- Serial touch equipment with one way communication

GETTING STARTED

All versions of the models are listed here

Package Content

The VoyagerTouch 60 kit includes: (1034-01MTkit)

1	VoyagerTouch Local	(1034-21TL)
1	VoyagerTouch 60 Remote	(1034-01MTR)
2	Power Transformer and mains cord*	(9014-00F-AW)
1	VGA Cable	(2051-02T)
1	Serial Cable Crossed for Local	((KT02-013880))
1	This user manual	

OR

The VoyagerTouch 125H kit includes: (1034-01HTkit)

1	VoyagerTouch Local	(1034-21TL)
1	VoyagerTouch 125H Remote	(1034-01HTR)
2	Power Transformer and mains cord*	(9014-00F-AW)
1	VGA Cable	(2051-02T)
1	Serial Cable Crossed for Local	(KT02-013880)
1	This user manual	

OR

The VoyagerTouch 300 kit includes: (1034-01Tkit)

1	VoyagerTouch Local	(1034-21TL)
1	VoyagerTouch 300 Remote	(1034-21MTR)
2	Power Transformer and mains cord*	(9014-00F-AW)
1	VGA Cable	(2051-02T)
1	Serial Cable Crossed for Local	((KT02-013880))
1	This user manual	

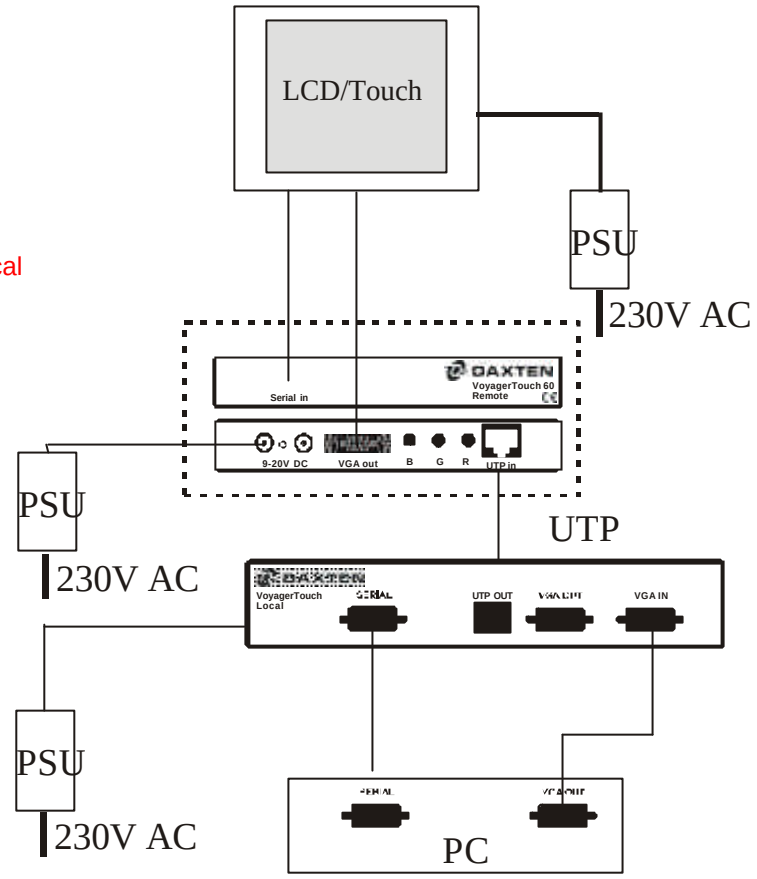
* power supply type depends of the country.

On request you can get the VoyagerTouch 60 PCB buildt in, into your Touchscreen.

VoyagerTouch 60

Please notice:

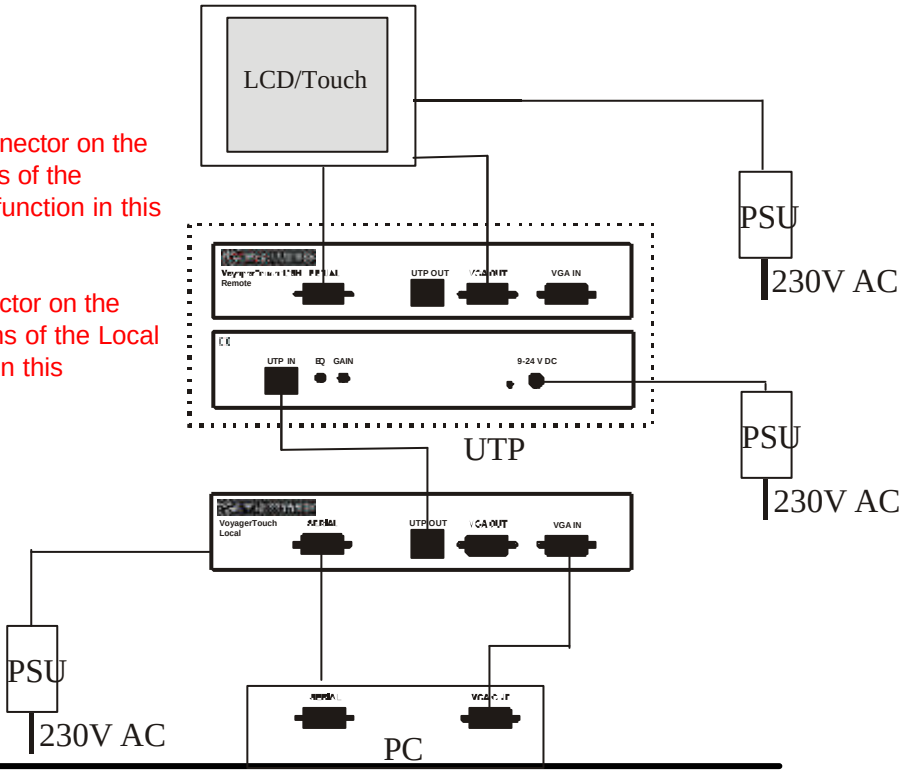
- The »UTP IN« connector on the back of some versions of the Local box has no function in this configuration.



VoyagerTouch 125H /300

Please notice:

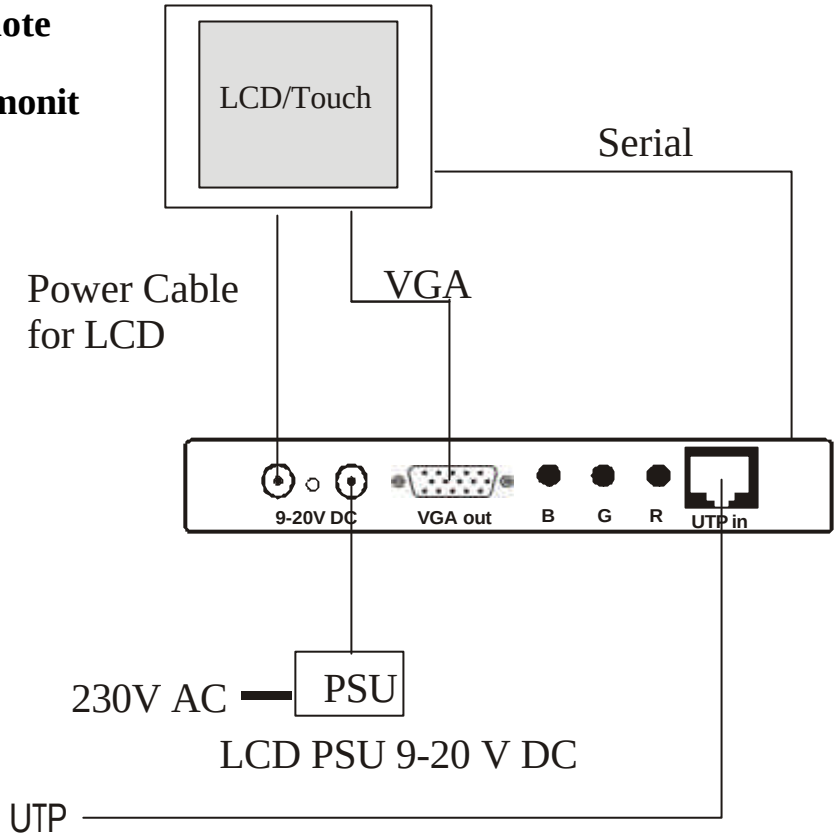
- The »UTP OUT« connector on the front of some versions of the Remote box has no function in this configuration
- The »UTP IN« connector on the back of some versions of the Local box has no function in this configuration



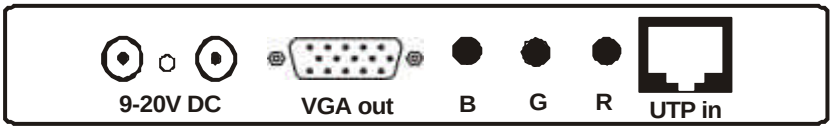
CONNECTORS ON VOYAGER TOUCH

VoyagerTouch 60 Remote

Sharing supply with a monit



VoyagerTouch Remote 60



The color and gain can be adjusted by turning the Blue Green and Red screws
If the light and brightness is still to weak use the adjustments on the monitor.

ADJUSTMENTS

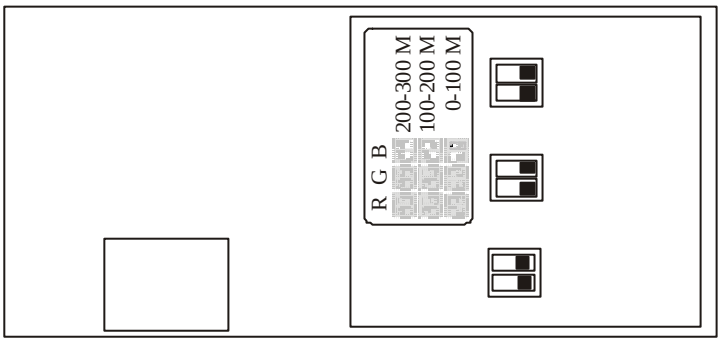
VoyagerTouch Remote 125H

With EQ and Gain the picture can be adjusted for best quality.

VoyagerTouch Remote 300

With EQ and Gain the picture can be adjusted for best quality.

Please Notice ! inside the VoyagerTouch Remote 300 the distance of the cat5 cable is to be set by microswitches.



As default the distance is set to maximum 300 M. Access to the switches changes is possible by opening the top cover of the unit.

Before connecting the Voyager Touch extension please make sure that the Touch screen is functioning correctly by connecting it directly to the PC's serial port.

As mentioned previously, the system will work as a "plug & play" unit when connected. See diagrams for connections.

TROUBLE SHOOTING

Video

No picture on the Remote.
If the Green LED on the unit is off - Power is missing
If the transmitter unit is working, check local out
Check the cables
Problems with colors.
Check the UTP cabling if you have problems with the colors
If the picture is unstable and contains noise, check the ground.

Touch is not responding

Make sure that the touch system is working when connected directly to the computer
If Touch system is not working when connected to the remote unit- check cables and power supply.
Touchdriver on Pc is set to load automatically

SERVICE INFORMATION

Maintenance and repair

The unit does not contain any user-serviceable parts inside. Any malfunction of the unit should be reported to a factory-authorised repair center for service. Any discrepancies in the operation of the unit according to this manual should be reported to the Technical Support Department of Daxten.

Technical support

If you cannot determine the nature of a problem, please call Daxten and ask for Technical Support. If possible call from a phone located near the unit we may be able to solve your problem directly over the phone. If we cannot solve your problem, and determine that the fault is in the unit, we will issue a Return Material Authorisation (RMA) number that must appear on the outside of all returned products. The unit should be double-packed in the original container, insured, and shipped to the address given to you by our Technical Support representative.

APPENDIX A. GENERAL SPECIFICATIONS

VoyagerTouch Local	
Size	215 x 105 x 44 mm (8.46 x 4.13 x 1.73 in.)
Weight	0.80Kg (1.77lbs)
Power Consumption	Max. 400mA (start peak 1,3A)
Recommended Input Power	Regulated DC 12V/1,3A or 9V/2A

VoyagerTouch 125H Remote	
Size	215 x 105 x 44 mm (8.46 x 4.13 x 1.73 in.)
Weight	0.80Kg (1.77lbs)
Power Consumption	Max. 750 mA with UTPin module
Recommended Input Power	Regulated DC 12V/1,3A or 9V/2A

VoyagerTouch 300 Remote	
Size	215 x 105 x 44 mm (8.46 x 4.13 x 1.73 in.)
Weight	0.80Kg (1.77lbs)
Power Consumption	Max. 750 mA with UTPin module
Recommended Input Power	Regulated DC 12V/1,3A or 9V/2A

VoyagerTouch 60 Remote	
Size	160 x 65 x 28 mm (6.30 x 2.56 x 1.10 in.)
Weight	0.35 Kg (0.77lbs)
Power Consumption	Max. 120 mA
Recommended Input Power	Regulated DC 12V/1,3A or 9V/2A

VoyagerTouch Remote 60 PCB	
Size	160 x 65 x 28 mm (6.30 x 2.56 x 1.10 in.)
Weight	65 g (0.1 lbs)
Power Consumption	Max. 150 mA
Recommended Input Power	5V or 7-24V from moitor

Please note that these specifications are subject to change without prior notice.

Unit 5 Distribution Centre
Shannon Free Zone
Shannon, Co. Clare
Ireland
info.ie@daxten.com
www.daxten.ie
Tel: +353 (0) 61 23 4000
Fax: +353 (0) 61 23 4099

1579 Lexington Road
Green Oaks, IL 60048
USA
info.us@daxten.com
www.daxten.us
Tel: +1 847 816 1337
Fax: +1 847 816 4558

4 Harp Business Centre
Apsley Way
London NW2 7LW
United Kingdom
info.uk@daxten.com
www.daxten.co.uk
Tel: +44 (0) 20 8438 3800
Fax: +44 (0) 20 8438 3899

C/Florian Rey, 8
Entreplanta
50002 Zaragoza
España
info.es@daxten.com
www.daxten.com
Tel: +34 902 197 662
Fax: +34 976 219 943

B.P 04 - 77
Route de Cheptainville
91630 Marolles-en-Hurepoix
France
info.fr@daxten.com
www.daxten.com
Tel: +33 (0)1 64 56 09 33
Fax: +33 (0)1 69 14 88 34

Udviklingsparken
Sønderhøj 46
8260 Viby J
Denmark
info.dk@daxten.com
www.daxten.dk
Tel: +45 8734 5610
Fax: +45 8734 5611

Künstlergasse 11/4
1150 Wien
Österreich
info.at@daxten.com
www.daxten.at
Tel: +43 (0)1 879 77 65
Fax:+43 (0)1 879 77 65 30

Salzufer 16, Geb. B
10587 Berlin
Deutschland
info.de@daxten.com
www.daxten.de
Tel: +49 (0) 30 8595 37-0
Fax:+49 (0) 30 8595 37-99

Seebahnstr. 231
8004 Zürich
Schweiz
info.ch@daxten.com
www.daxten.com
Tel: +41 (0) 43 243 32 11
Fax: +41 (0) 43 243 32 16

www.daxten.com